

**Table A.13-12: Telemetry Link Budget (Transfer Orbit and Emergency Operations)**

<b>Telemetry Link Budget (Transfer and Emergency)</b>		
<b>Link Parameters</b>		
Frequency	(MHz)	3701
Transmit Power	(dBW)	16.0
Line Losses	(dB)	4.4
Antenna Gain (EOC)	(dBi)	-4.0
EIRP	(dBW)	7.6
Free Space Path Loss	(dB)	200.6
Rx E/S G/T	(dB/K)	24.5
Downlink C/N	(dB)	12.2
C/N Required	(dB)	9.0
Margin	(dB)	3.2